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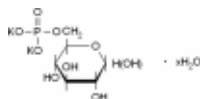
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## Product Specification

Product Name:  
D-Glucose 6-phosphate dipotassium salt hydrate - Sigma Grade, 98-100%

Product Number: **G7375**  
MDL: MFCD00149372  
Formula: C<sub>6</sub>H<sub>11</sub>K<sub>2</sub>O<sub>9</sub>P · xH<sub>2</sub>O  
Formula Weight: 336.32 g/mol  
Storage Temperature: -20 °C



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity) 50 mg/mL, H <sub>2</sub> O	Clear to Very Slightly Hazy
Water (by Karl Fischer)	≤ 18 %
% Solvent Content Methanol by GC	≤ 4
Inorganic Phosphorus	≤ 0.1 %
Potassium (K) (dry basis)	20.4 - 26.1 %
% Purity by Enzymatic (dry basis)	≥ 98

Specification: PRD.1.ZQ5.1000005130

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.